

GUIDE TO INVESTIGATION OF INFANT BOTULISM

A. EPIDEMIOLOGIC (OBTAIN PRINCIPALLY FROM PARENT(S))																																																																																																	
<div style="display: flex; justify-content: space-between;"> Name (Last) _____ (First) _____ </div>	<div style="display: flex; align-items: center;"> <div style="text-align: center;">Date of Birth</div> <div style="display: flex; gap: 10px;"> <div style="text-align: center;">Mo. <div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 auto;"></div> (1-2)</div> <div style="text-align: center;">Day <div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 auto;"></div> (3-4)</div> <div style="text-align: center;">Yr. <div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 auto;"></div> (5-6)</div> </div> </div>																																																																																																
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> SEX (7) 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female </div> <div style="width: 65%;"> RACE/ETHNICITY (8) 1 <input type="checkbox"/> White, not Hispanic 2 <input type="checkbox"/> Black, not Hispanic 3 <input type="checkbox"/> Hispanic 4 <input type="checkbox"/> Asian or Pacific Islander 5 <input type="checkbox"/> American Indian or Alaska native 6 <input type="checkbox"/> Unknown </div> </div>	ADDRESS (No. and Street) _____ City _____ County _____ State (9-10) _____ Phone _____																																																																																																
MOTHER'S AGE (11-12) _____ OCCUPATION (13) _____	FATHER'S AGE (14-15) _____ OCCUPATION (16) _____																																																																																																
EDUCATION (17) 1 <input type="checkbox"/> Some grade school 2 <input type="checkbox"/> Grade school graduate 3 <input type="checkbox"/> Some high school 4 <input type="checkbox"/> High School graduate 5 <input type="checkbox"/> Jr. College/Trade school graduate 6 <input type="checkbox"/> College graduate 7 <input type="checkbox"/> Higher	EDUCATION (18) 1 <input type="checkbox"/> Some grade school 2 <input type="checkbox"/> Grade school graduate 3 <input type="checkbox"/> Some high school 4 <input type="checkbox"/> High school graduate 5 <input type="checkbox"/> Jr. College/Trade school graduate 6 <input type="checkbox"/> College graduate 7 <input type="checkbox"/> Higher																																																																																																
NO. OF PREGNANCIES (19) (including case) _____ NO. OF LIVE BIRTHS (20) _____																																																																																																	
TYPE OF DELIVERY: (21) 1 <input type="checkbox"/> VAGINAL 2 <input type="checkbox"/> C-SECTION Complications: (22) 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> Unknown If yes, describe (23): _____ _____ _____ _____																																																																																																	
Was infant premature? (24) 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> Unk If yes, gestational age (25-26) _____ Weeks What was infant's birth weight: _____ lb _____ oz. _____ (Gms) (27-28) (29-30) (31-34)																																																																																																	
PRESENT ILLNESS – INFANT BOTULISM DEFINED AS ONSET OF CONSTIPATION OR IF NO CONSTIPATION WHEN MOTHER SAYS CHILD BECAME ILL																																																																																																	
BEFORE ONSET OF PRESENT ILLNESS Was infant ever breast fed? (35) 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No If yes, for how many weeks _____ (36-37) Was infant ever formula fed? (38) 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No Was infant primarily (more than 50%) (39) 1 <input type="checkbox"/> Breast fed 2 <input type="checkbox"/> Formula fed 3 <input type="checkbox"/> Both approximately equally Did infant ever eat or taste (before onset of illness):																																																																																																	
DIETARY HISTORY (BEFORE ONSET OF PRESENT ILLNESS)	<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 30%;">FOOD/LIQUID</th> <th style="width: 10%;">NEVER 1</th> <th style="width: 10%;">ONCE OR A FEW TIMES 2</th> <th style="width: 10%;">MANY TIMES 3</th> <th style="width: 10%;">DAILY OR MOST DAYS 4</th> <th style="width: 30%;">PRINCIPAL TYPE OR BRAND</th> </tr> </thead> <tbody> <tr><td>Formula (40)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td rowspan="4">_____ (41)</td></tr> <tr><td>Cow's Milk (Past.) (42)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Unpasteurized (raw milk) (43)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Fruit juices (44)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Cereal (45)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td rowspan="4">_____ (48)</td></tr> <tr><td>Bread (46)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Syrup/water (47)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Honey/water (49)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Sugar/water (51)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td rowspan="4">_____ (50)</td></tr> <tr><td>Tea/water (52)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Fruits, cooked (53)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Fruits, raw (54)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Vegetables, cooked (55)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td rowspan="4"></td></tr> <tr><td>Vegetables, raw (56)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Home-canned foods (57)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Baby Foods (Jars) (58)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr><td>Other (59)</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td></td></tr> </tbody> </table>	FOOD/LIQUID	NEVER 1	ONCE OR A FEW TIMES 2	MANY TIMES 3	DAILY OR MOST DAYS 4	PRINCIPAL TYPE OR BRAND	Formula (40)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____ (41)	Cow's Milk (Past.) 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DIETARY HISTORY

Dietary History (Cont'd)

Did infant use a pacifier? (60) 1 ☐ Often 2 ☐ Sometime 3 ☐ Rarely 4 ☐ No
 If yes, was it ever dipped in: (61) 1 ☐ Syrup 2 ☐ Honey 3 ☐ Other _____ 4 ☐ Nothing

INFANT'S MEDICAL HISTORY (PRIOR TO ONSET OF INFANT BOTULISM)

Were infant's usual bowel movements? (62) 1 ☐ Two or more per day 3 ☐ Every other day
 2 ☐ One per day 4 ☐ Less than every other day

Illness prior to onset of present illness (Infant botulism)

	Yes 1	No 2	Unk 9	Age in weeks
Fever ($>101^{\circ}\text{F}$) (63)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____ (64-65)
Cold(s) (66)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____ (67-68) _____ wks. (69-70)
Constipation (Mother's opinion) (71)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____ (72-73)
Diarrhea (Mother's opinion) (74)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____ (75-76)
Other (77)				_____

Did infant receive antibiotics prior to onset of present illness (Infant botulism)? (78) 1 ☐ Yes 2 ☐ No 9 ☐ Unk

If yes, give

AGE (IN WEEKS)	REASON	DRUG	ROUTE (Oral, Parenteral or Both)	DURATION (Days)
_____ (79-80)	_____ (81)	_____ (82)	_____ (83)	_____ (84-85)
_____ (86-87)	_____ (88)	_____ (89)	_____ (90)	_____ (91-92)
_____ (93-94)	_____ (95)	_____ (96)	_____ (97)	_____ (98-99)

ENVIRONMENTAL HISTORY (PRIOR TO ONSET OF INFANT BOTULISM)

Was there any construction, excessive dust, or environmental change around home from birth of infant until onset of present illness (Infant botulism)? (100)

1 ☐ Yes 2 ☐ No 9 ☐ Unk

If yes, describe (101) _____

Was parent(s) involved in gardening or yard work from birth of infant until onset of present illness? (102) 1 ☐ Yes 2 ☐ No 9 ☐ Unk

If yes, describe (103) _____

Did infant remain away from home for more than 1 week prior to onset of present illness? (104) 1 ☐ Yes 2 ☐ No 9 ☐ Unk

If yes, describe (105) _____

SYMPTOMS OF PRESENT ILLNESS (INFANT BOTULISM)

a) Mother first noted infant was ill on _____ at _____ weeks of age
 (106-107) (108-109) (110-111) (112-113)

(114) First symptom _____

(115) Second symptom _____

b) The initial visit to a physician was on _____ at _____ weeks of age?
 (116-117) (118-119) (120-121) (122-123)

c) Infant was hospitalized on _____ at _____ weeks of age?
 (124-125) (126-127) (128-129) (130-131)

d) Symptoms noted before patient hospitalized

	Yes 1	No 2	Unk 9	Mo	Day	Yr	Weeks old
Constipation (132)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____ (133-134) (135-136) (137-138) (139-140)
Poor feeding (141)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

(Symptoms cont'd on next page)

SYMPTOMS OF PRESENT ILLNESS (INFANT BOTULISM)

d) Symptoms noted before patient hospitalized: (Cont'd)

	Yes 1	No 2	Unk 9
Altered cry (142)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Irritable (143)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Poor Head Control (144)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
General Weakness (145)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Difficulty Breathing (146)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fever (147)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (148) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If infant had constipation, how many bowel movements were occurring? (149)

1 ☐ Two or more per day 2 ☐ One per day 3 ☐ One every other day 4 ☐ Two-three times per week

5 ☐ One per week 6 ☐ Less than one per week 7 ☐ Other _____

Interviewee(s) (150) 1 ☐ Mother 2 ☐ Father 3 ☐ Both 4 ☐ Other _____

Interviewer: (Name) _____ Title (151) _____

(Agency) (152) _____ (Phone) _____

Are there problems with this case history form (153)

1 ☐ Yes 2 ☐ No

If yes, describe _____

B. HOSPITALIZATION DATA (OBTAIN PRINCIPALLY FROM MEDICAL RECORD OR PHYSICIAN)

Hospital where diagnosis established _____ Medical Record No. _____

Name (154) _____ Address _____ Phone _____

Primary Physician(s) _____ Phone _____

HOSPITAL DATA

	Mo.	Day	Yr.
Date of first hospital admission	<input type="text"/>	<input type="text"/>	<input type="text"/>
	(155-156)	(157-158)	(159-160)
Date of last hospital discharge	<input type="text"/>	<input type="text"/>	<input type="text"/>
	(161-162)	(163-164)	(165-166)

Total days _____ hospitalization
(167-168)

Symptoms and Physical Findings observed at any time during illness:		Yes	No	Unk.			
		1	2	9			
PHYSICAL FINDINGS	Loss of facial expression (169)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Ptosis (170)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Extraocular muscle palsies (171)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Pupils dilated (172)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	constricted (173)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	sluggish pupil reactivity (174)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Trouble swallowing (175)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Constipation (176)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Diarrhea (177)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Altered cry (178)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Weak sucking (179)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Muscle weakness						
	Poor head control (180)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Upper extremities (181)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Lower extremities (182)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	"Floppy" (183)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Knee Deep Tendon Reflex						
	Absent (184)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Depressed (185)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Somnolent (186)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Irritable (187)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Fever (188)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Dehydration (189)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Respiratory difficulty (190)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Respiratory arrest (191)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Pneumonia (192)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	Other _____ (193)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<hr/>						
	TREATMENT	Respiratory Assistance Needed (194)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	No. of Days (195-196)
		Oxygen only (197)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Intubation (198)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Tracheostomy (199)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Ventilator (200)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Infant feeding							
Feeding tube (201)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	No. of Days (202-203)	

TREATMENT	Treatment (Cont'd.) Antibiotics Given:					
	Drug	Oral or Parenteral	Dose (Gms/day)	Duration (days)	Date started	
					Mo.	Day
	(204)	(205)	(206-208)	(209-210)	(211-214)	<div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div>
	(215)	(216)	(217-219)	(220-221)	(222-225)	<div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div>
	(226)	(227)	(228-230)	(231-232)	(233-236)	<div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div>
(237)	(238)	(239-241)	(242-243)	(244-247)	<div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div>	

Was antitoxin given? (248) 1 ☐ Yes 2 ☐ No

If yes, give route of administration (249) 1 ☐ I.V. 2 ☐ I.M. 3 ☐ Both 9 ☐ Unk

If yes, how many C.C. Total (Connaught Adult 10cc/vial, Connaught Ped. 2cc/vial)

_____ Total cc (250-51)

Other specific therapeutic medication given: (252) _____

DIAGNOSTIC TESTS	Was a spinal tap done? (253) 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> Unk.			Date
				<div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div>
				(254-259)
	Was spinal tap reported as normal? (260) 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> Unk.			
	Spinal fluid protein _____ mgm% (261-263)			
	Total number of white cells _____ (264-266)			
Was a Tensilon test done? (267) 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> Unk.			Date	
			<div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div>	
			(268-273)	
If yes, results (274) 1 <input type="checkbox"/> Pos. 2 <input type="checkbox"/> Neg. 3 <input type="checkbox"/> Equivocal 9 <input type="checkbox"/> Unk.				
Was an EMG (electromyography) done? (275) 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> Unk.			Date	
			<div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black;"></div>	
			(276-281)	
If yes, was it interpreted as compatible or diagnostic of botulism? (282)				
1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 3 <input type="checkbox"/> Not sure 9 <input type="checkbox"/> Unk.				
If EMG done, was BSAP noted? (283) 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> Unk				
Source of hospitalization data: (284)				
1 <input type="checkbox"/> Physician 2 <input type="checkbox"/> Medical Record 3 <input type="checkbox"/> Both 4 <input type="checkbox"/> Other _____				

Hospitalization section completed by:

Name _____ Title (285) _____

Agency (286) _____ Phone No _____ Date _____

C. SPECIMEN TESTING FOR *C. BOTULINUM* (OBTAIN FROM MEDICAL RECORDS, STATE LABORATORY, OR CDC BOTULISM LABORATORY)

Serum sample for toxin: (287) 1 ☐ Type A 2 ☐ Type B 3 ☐ Type E 4 ☐ Neg 5 ☐ Not tested 6 ☐ Toxic but not typed
 Stool sample: (288) 1 ☐ Type A 2 ☐ Type B 3 ☐ Type E 4 ☐ Neg 5 ☐ Not tested

STOOL SPECIMEN(S)

Date Mo. Day Yr. (289-294)	Infant's Age (Wks) (295-296)	Direct Toxin Assay			Enrichment Culture			Organism Isolated	
		Type Specific Toxic 1 (297)	Non-Specific Toxic 2 (298)	Non Toxic 3 (299)	Type Specific Toxic 1 (300)	Non-Specific Toxic 2 (301)	Non Toxic 3 (302)	Yes 1 No 2 (303-304)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (289-294)	<input type="checkbox"/> <input type="checkbox"/> (295-296)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> (299)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (300-305)	<input type="checkbox"/> <input type="checkbox"/> (306-307)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> (310)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (311-316)	<input type="checkbox"/> <input type="checkbox"/> (317-318)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> (321)	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (322-327)	<input type="checkbox"/> <input type="checkbox"/> (328-329)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> (332)	

Date ☐ ☐ ☐ ☐ ☐ ☐ of first negative follow-up specimen.
 (333-338)

Were food, medications, or environmental samples tested? (339) 1 ☐ Yes 2 ☐ No 9 ☐ Unk.

If yes, list: (340) _____

Samples positive for: (341) 1 ☐ Performed toxin 2 ☐ *C. botulinum* 3 ☐ Both 4 ☐ Neither

If any positive for toxin or organisms, please describe: (342) _____

Specimen testing section completed by

Name _____ Title _____
 (343)

Agency _____ Phone No. _____ Date _____
 (344)

Patient outcome (345) 1 ☐ Improving 2 ☐ Recovered 3 ☐ Death

If patient died, date ☐ ☐ ☐ ☐ ☐ ☐
 (346-351)

Form Reviewed and Submitted by:

Name _____ Title _____
 (352)

Agency _____ Phone No. _____ Date _____
 (353)